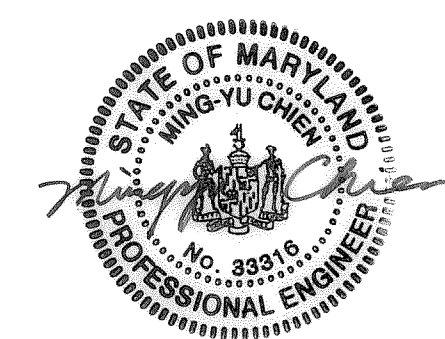


## CONSTRUCTION DETAILS

- INSTALL A NEMA SIZE 'S' BASE MOUNTED CABINET WITH CONTROLLER. (NOTE: TWO 4 IN. PVC AND TWO 2 IN. PVC SCHEDULE 80 CONDUIT BENDS).
- INSTALL METERED SERVICE PEDESTAL FOR UNDERGROUND ELECTRICAL SERVICE.
- INSTALL 27 FT. STEEL TWIN MAST ARM POLE WITH 50 FT. AND 60 FT. MAST ARMS, SIGNAL HEADS, VIDEO DETECTION CAMERAS, 20 FT. LUMINAIRE ARM, AND 250 WATT HPS LUMINAIRE. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, 20 FT. LUMINAIRE ARM, 250 WATT HPS LUMINAIRE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE PEDESTRIAN PUSHBUTTON, AND PEDESTRIAN INSTRUCTIONAL SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- INSTALL 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY COUPLING (MD 818.16-01) BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE PEDESTRIAN PUSHBUTTON, AND PEDESTRIAN INSTRUCTIONAL SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- INSTALL HANDHOLE.
- INSTALL NON-INVASIVE MICRO-LOOP PROBE (SET OF 3).
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL 4 IN. CONDUIT - BORED TO BASE OF TRANSFORMER FOR AN UNDERGROUND ELECTRICAL SERVICE BY SMCO.
- INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- INSTALL GROUND MOUNTED SIGN.
- REMOVE EXISTING SIGN AND POSTS.
- INSTALL ADA PEDESTRIAN RAMP (MD-SHA STD. 655.11). REMOVE EXISTING CURB AND ASPHALT SIDEWALK AS NECESSARY.
- INSTALL 14 FT. STEEL PEDESTAL POLE WITH BREAKAWAY TRANSFORMER BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE PEDESTRIAN PUSHBUTTON, AND PEDESTRIAN INSTRUCTIONAL SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).



Professional Certification. I certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineering under the laws of the state of Maryland.

License No. 33216 Expiration Date 7/12/14

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

CHARLES COUNTY GOVERNMENT  
APPROVAL

Permit No.	
Signed	
Date	
Expires on:	
Remarks or Conditions:	

BW095M81  
Rosewick Road @ Radio Station Road

GENERAL NOTES  
LOCATED ON SHEET 2 OF 2

APPROVALS	REVISIONS
TEAM LEADER <i>[Signature]</i> 7-10-12	
ASST. DIV. CHIEF <i>[Signature]</i> 7/11/12	
DIVISION CHIEF <i>[Signature]</i> 7/11/12	
OFFICE DIRECTOR <i>[Signature]</i> 7/16/12	

**The Traffic Group, Inc.**  
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9900 Franklin Square Drive  
Baltimore, Maryland 21236  
410-931-6600  
1-800-583-8411  
Fax 410-931-6601  
"Merging Innovation and Excellence"®

**GEOMETRIC LEGEND**  
— EXISTING  
— PROPOSED

**UTILITY LEGEND**  
— SD — STORM DRAIN  
— G — GAS MAIN  
— W — WATER MAIN  
— S — SEWER MAIN  
— E — ELECTRIC CABLES  
— A — AERIAL CABLES  
— T — TELEPHONE CABLES  
— F — FIBER-OPTIC

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

ROSEWICK ROAD AT RADIO STATION ROAD  
LaPlata, MD

## TRAFFIC SIGNAL PLAN

SCALE 1" = 20'	DATE July 3, 2012	CONTRACT NO. —
DESIGNED BY J.Dimdorff/TTG	COUNTY CHARLES	
DRAWN BY J.Dimdorff/TTG	LOGMILE 08011401.64	
CHECKED BY —	TMS NO. L501	
F.A.P. NO. N/A	TOD NO. N/A	
TS NO. 4855	DRAWING SG - 01 OF 01	SHEET NO. 1 OF 2

PLOTTED: Tuesday, July 03, 2012 AT 11:00 AM  
FILE: P:\2011\2011-0711\2011-0711.dwg

PGM#VCI 12-0012